

DAILY FIELD ACTIVITY REPORT

PROJECT NAME: Pre-Remedial Design Investigation and Baseline Sampling, Portland Harbor Superfund Site

DATE: April 30, 2018	WEATHER: Overcast, High of ~55 degrees F
Personnel and Visitors Onsite: CDM Smith: Jason Silvertooth; AECOM: Steve Pagluighi, Andy Clodfelter; Ballard Marine: Mike Duffield, John Schaefer; ATI-Vemco: Sam Johnson, John Velazquez, Laura Rudolph, Kevin Kumagai	
Planned Activity: <ul style="list-style-type: none">Fish collection and tagging for the fish tracking study.	
Activity Completed: <p>A safety meeting was led by AECOM, providing an overview of the project and safety requirements to new personnel to the project. Following the general safety discussion, task specific topics included safe angling, awareness of wakes during fish collection and surgery, safe lifting procedures for heavy coolers and live wells, and required PPE.</p> <p>Jason Silvertooth performed oversight of fish collection and tagging from 08:00 to 17:00 on board fish vessels provided by Gravity Marine. Specific activities completed by the AECOM/Geosyntec team, with vessel support from Gravity Marine and technical support from ATI-Vemco, are as follows:</p> <ul style="list-style-type: none">A total of five smallmouth bass (SMB) were collected: four at the Willamette Cove and one in Swan Island Lagoon. The collection locations of the SMB were stored on GPS units on the boats.Three SMB collected from Willamette cove and one SMB from Swan Island Lagoon were implanted with an acoustic tag and a small external tag was attached just behind the dorsal fin. These SMB were returned to the location they were collected after post-surgery monitoring by biologists determined the fish had recovered (minimum of 2 hours after surgery).One SMB collected from Willamette cove escaped from the surgery station prior to anesthesia and was recovered from the dock. The AECOM and ATI-Vemco biologists determined the trauma from the escape and fall potentially compromised the SMB's behavior, and therefore decided to sacrifice the fish and retain it for potential chemical analysis, as described in Section 4.6.1 of the FSP.	
Status of Schedule & Priority Work: <ul style="list-style-type: none">Four SMB have been tagged and released out of the sample size of 40 that was selected for the study.Fish collection and tagging is scheduled to continue through Friday, but fish collection will continue until 40 SMB have been tagged.	
Issues/Concerns/Resolutions (include work performed that was not planned or anticipated): <p>After receiving the request from the EPA project manager and instruction from the AECOM project manager, the AECOM field team made room on the boats for CDM Smith to perform the necessary oversight of fish collection activities.</p>	
Samples Collected, Measurements Made, Photographs: (List Locations, Matrix & Sample type): <p>Four SMB were collected from Willamette Cove and one was collected from Swan Island Lagoon.</p> <p>Photographs of work were taken throughout the day and provided to EPA via email. Additional photos were taken and archived with a description included in the photolog Excel spreadsheet, which are maintained electronically in the ProjectWise project folder.</p>	
Borings Completed (Include total footage drilled for each boring): <p>None</p>	
Wastes Generated and How Handled: <p>None</p>	

Health and Safety Issues, Equipment Needs, Staffing:

Boat operations were safe with sufficient room to safely perform the work (i.e., cast and maneuver on the boat) with the coolers, equipment, and personnel on board.

Signature: Jason Silvertooth**DATE** April 30, 2018